

STR Authentication Report For Cell Line

1. Cell Name: T84

2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer.

3. Sample gene genotype analysis result:

Genotype analysis results of STR and Amelogenin loci in cells						
STR Loci	STR profile for Sample cell			STR profile for Cell Bank cell		
	Cell name: T84			Cell name: T84		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	12	12		12	12	
D13S317	9	9		9	9	
D7S820	8	10		8	10	
D16S539	10	11		10	11	
VWA	17	18		17	18	
TH01	6	9		6	9	
AMEL	X	X		X	X	
TPOX	8	11		8	11	
CSF1PO	10	10		10	10	
D12S391	19	21				
FGA	24	24				
D2S1338	23	26				
D21S11	31	31				
D18S51	17	17				
D8S1179	15	15				
D3S1358	16	19				
D6S1043	19	20				

PENTAE	14	14				
D19S433	13	13				
PENTAD	9	9				
D1S1656	15	16				

4. Conclusion: The STR results of **T84** cells are consistent with the genotypes of **T84** cell lines in **DSMZ** database, the cell ID corresponded to **CCL-248** , and the STR results **completely matched**. In the test, **No multi allele was found** in this cell line.

5. Attached Image

